

Kimber, Jeff@DOC

From: Cochrane, Matthew@Waterboards <Matthew.Cochrane@Waterboards.ca.gov>
Sent: Wednesday, August 29, 2018 2:23 PM
To: Kimber, Jeff@DOC
Cc: Zinky, Janice@Waterboards; McKee, Michael@Waterboards; Siegel, Emily@Waterboards
Subject: RE: Cat Canyon AE; Responses to Water Board's Questions

Hi Jeff,

Per our discussion earlier today, please provide comment on the following outstanding discrepancies. () denote question number from SWRCB questions to DOGGR.

- (Q1) Water well survey. Please divide into water wells *within* proposed AE area, and those *outside* of the proposed AE and present either as maps or table. Also, please address depth values of the wells listed as CC066 and CC008 in the table.
- (Q3) Document "A3_Ardantz 506_08322869" does ~~not~~ seem to show analysis of 1700 mg/L for the steam generator feed. **I found this upon closer inspection (pg 57 referenced document) and you don't need to comment.**
- (Q6) Contoured horizon on maps. Figures 1.2-1 and 5.1-19 show the same contoured horizon, listed as 'Elev. Contour' and 'S1B Structure Contour', respectively in each legend. Figure 6.3-5 shows a different contoured horizon, listed as 'Top Sisquoc Structure Contour' and appears to be *similar* but different, and shallower by hundreds of feet. Does Figure 6.3-5 show the top of the Sisquoc Formation and the previous two show the top of the S1B sand?
- (Q13) "Fugler Fault". Regardless of what we call it, the normal fault shown on cross-section A—A' (only normal fault in area) and on Figure 1.2-1 near Section 03&10, T08N R32W is shown as a sealing fault but described in the application as the only non-sealing fault in the area. This fault serves as the boundary of the AE in this location. Please comment.
- (Comments) The first comment was addressed and improved but I may have not been clear about what was confusing about the language. Revised page 9 from "A15_Response Page 9 revised text Agricultural Wells" document states:

"There are agricultural water wells completed in the Careaga Formation and the Foxen Formation located [**above the Sisquoc Formation below the Upper Confining Layer' confining layer⁵ and the Sisquoc Formation below the Upper Confining Layer**] oil sands. There are no water wells completed in the Sisquoc sands or in the Monterey Formation that are proposed for exemption. The Upper Confining Layer demonstrate adequate confinement between the water supply wells and the oil producing intervals.

Brackets and bolding are added to show the portion that reads difficultly (e.g. a lot of 'above' and 'below'; *Upper Confining Layer' confining layer*). Please keep the last two statements that were added to the revised page as they improve the section.

Thank you,

MATT COCHRANE, PG
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER QUALITY
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From: Kimber, Jeff@DOC [mailto:Jeff.Kimber@conservation.ca.gov]

Sent: Friday, August 3, 2018 8:10 AM

To: Bishop, Jonathan@Waterboards <Jonathan.Bishop@waterboards.ca.gov>; Borkovich, John@Waterboards <John.Borkovich@waterboards.ca.gov>; Zinky, Janice@Waterboards <Janice.Zinky@waterboards.ca.gov>; Cochrane, Matthew@Waterboards <Matthew.Cochrane@Waterboards.ca.gov>; McKee, Michael@Waterboards <Michael.McKee@Waterboards.ca.gov>; Keeling, Matt@Waterboards <Matt.Keeling@waterboards.ca.gov>

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Subject: Cat Canyon AE; Responses to Water Board's Questions

Good Morning,

The attached letter contains the DOGGR's responses to the Water Board's questions concerning the Cat Canyon Aquifer Exemption Application. The Following Dropbox link contains the attachments to the letter.

<https://www.dropbox.com/sh/bk0awpxsqregdh5/AAB7Dr94OYmMePET6-Bj9sQ3a?dl=0>

Respectfully,

Jeff Kimber

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